

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A fuel cell comprising:
a mounting part where a fuel cartridge filled with fuel is mounted in a detachable manner; ~~and~~
an identification part that identifies the fuel cartridge to be mounted on said mounting part,
wherein said identification part includes a fitting part that is selectively fitted into said fuel cartridge, wherein said identification part mechanically discriminates by said fitting part whether said mounted fuel cartridge is an adequate fuel cartridge.

2. (canceled)

3. (currently amended) The fuel cell as set forth in ~~Claim 1,~~ claim 1, wherein said identification part includes:

a plurality of fitting parts corresponding a plurality of different fuel cartridges; and

a selecting part that makes usable one fitting part to be selectively fitted into a specified cartridge among said plurality of fitting parts.

4. (currently amended) The fuel cell as set forth in claim 1, ~~Claim 2~~; wherein said fitting part further comprises:

a detecting unit that detects whether the fitting part is fitted into a fuel cartridge or not, ;

wherein the detecting unit ~~can work when it~~ detects when ~~that~~ the fitting part is fitted into the fuel cartridge.

5. (currently amended) The fuel cell as set forth in claim 1, ; wherein said identification part includes:

a terminal connected with the fuel cartridge selectively and electrically.

6. (currently amended) The fuel cell as set forth in claim 1, ; wherein said identification part includes:

a plurality of terminals; and

a selecting part that selects one terminal connected electrically to a specified fuel cartridge from among said plurality of terminals.

7. (currently amended) The fuel cell as set forth in claim ~~Claim~~ 5, the fuel cell further comprising:

a detecting unit that detects whether or not said terminal is electrically connected with said fuel cartridge, ;

wherein said detecting unit ~~can work when it~~ detects that said terminal is electrically connected with said fuel cartridge.

8. (currently amended) The fuel cell as set forth in claim 1, [[;]] wherein said identification part includes:

a plurality of terminals; and

a detecting unit that detects the electrical connecting condition between said plurality of terminals and the fuel cartridge mounted into said mounting part.

9. (currently amended) The fuel cell as set forth in claim 8, ~~Claim 8~~, wherein said identification part further includes:

a judging part that judges the type of fuel filled in said fuel cartridge based on the electrical connecting condition between said plurality of terminals and said fuel cartridge; and

a control unit that controls the operation condition depending on the type of fuel judged by said judging part.

10. (previously presented) A fuel cartridge comprising a labeled part that is identified by said identification part of the fuel cell according to claim 1.

11. (previously presented) The fuel cartridge comprising a labeled part that is identified by said identification part of the fuel cell according to claim 5, the fuel cartridge comprises:

plurality of terminals; and

a selecting part that selects one terminal connected electrically to said terminal of said fuel cartridge from among said plurality of terminals.

12. (original) A fuel cell system comprising:

a fuel cartridge having a labeled part showing a filled fuel; and

a fuel cell body including an identification part that identifies said labeled part of said fuel cartridge.

13. (currently amended) The fuel cell as set forth in claim 3, ~~Claim 3~~, wherein said fitting part further comprises:

a detecting unit that detects whether the fitting part is fitted into a fuel cartridge or not, [[;]]

wherein the detecting unit ~~can work when it~~ detects that the fitting part is fitted into the fuel cartridge.

14. (currently amended) The fuel cell as set forth in claim ~~Claim~~ 6, the fuel cell further comprising:

a detecting unit that detects whether or not said terminal is electrically connected with said fuel cartridge,[[;]]

wherein said detecting unit can work when it detects that said terminal is electrically connected with said fuel cartridge.

15. (new) The fuel cell as set forth in claim 3, wherein the plurality of fitting parts are a plurality of receiving holes corresponding to the different fuel cartridges and the selecting part is a shutter that opens only one of the receiving holes and shuts the remaining receiving holes.

16. (new) The fuel cell as set forth in claim 15, wherein the position of the shutter is changed by hand or under automatic control.

17. (new) The fuel cell as set forth in claim 1, wherein the fitting part includes:

an introduction part; and

a mechanism that changes the depth of the introduction part, wherein the depth is changed based on the fuel cartridge selected from the plurality of different fuel cartridges.

18. (new) The fuel cell as set forth in claim 9, the fuel cell further comprising:

a pump that sucks fuel from the fuel cartridge and circulates the fuel,

wherein control unit controls the pump based on the concentration of the fuel contained in the fuel cartridge selected from the plurality of different fuel cartridges.

19. (new) The fuel cell as set forth in claim 1, the identification part further comprising:

a plurality of connecting terminals; and

the selected fuel cartridge further comprising at least one connecting terminal, wherein the number of connecting terminals corresponding to the fuel cell is different from the number of connecting terminals corresponding to the selected fuel cartridge.

20. (new) The fuel cell as set forth in claim 19, wherein the number of connecting terminals corresponding to the fuel cell is greater than the number of connecting terminals of the selected fuel cartridge.

21. (new) A fuel cell comprising:

a mounting part, wherein a fuel cartridge is mounted in a detachable manner; and

an identification part that identifies the mounted fuel cartridge mounted on said mounting part, wherein said

identification part is configured to mechanically discriminate a plurality of different fuel cartridges from each other and thereby discriminate whether the mounted fuel cartridge is an adequate fuel cartridge.